

CORRESP. CONTROL
OUTGOING LTR. NO.

DOE ORDER #
01-RF-02516

FAST. LTR/ENK



KAISER•HILL
COMPANY

BRILSFORD, M.D.
FERRI, M.S.
MARTINEZ, L. A.
PARKER, A.M.
POWERS, K.
SCOTT, G.K.
SHELTON, D.C.
SPEARS, M.S.
TRICE, K.D.
TUOR, N. R.

OCT 30 2001

01-RF-02516

BUTLER, J. L. Steve Tower
CHRITTON, M. R. D&D Program Lead
DIETERLE, S. E. DOE, RFFO

FERRERA, D. W.
GIANTI, S. J.
GIBBS, F. E. **ROCKY FLATS CLEANUP AGREEMENT STANDARD OPERATING PROTOCOL (RSOP)**
RICHARDELLA, R. **FOR COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITIES**
STEWART, G. W. **NOTIFICATION LETTER FOR BUILDING 886 CONTAMINATED SLAB REMOVAL -**
FEG-006-01

Nesta, S. **Enclosed is a draft transmittal letter to the Colorado Department of Public Health and**
Rehler, K. **Environment for the RSOP notification for Building 886 slab removal. The draft transmittal letter**
Foss, D. **has been prepared from DOE building point of contact to CDPHE building contact; however, it**
could also be addressed from DOE RFCA coordinator to CDPHE RFCA coordinator.

Please contact Dyan Foss, X7577, with questions or concerns.

Frank E. Gibbs

Frank E. Gibbs
Manager, Industrial Facility Disposition
Remediation, Industrial D&D, and Site Services
Kaiser-Hill Company, LLC

CLASSIFICATION:

UCNI
UNCLASSIFIED
CONFIDENTIAL
SECRET

DLF:jlh

Enclosure:
As Stated

AUTHORIZED CLASSIFICATION:

SIGNATURE:

C. J. Frazier

Date: *10/25/01*

IN REPLY TO RFP CC NC

Org. and 1 cc - Steve Tower

cc:
Joe Legare

ACTION ITEM STATUS:

☐ PARTIAL/OPEN
☐ CLOSED

LTR APPROVALS:

ORIG. & TYPIST INITIALS
DLF:jlh

Kaiser-Hill Company, L.L.C.

Courier Address: Rocky Flats Environmental Technology Site, State Hwy. 93 and Cactus, Rocky Flats, CO 80007 • 303.966.7000

Mailing Address: P.O. Box 464, Golden, Colorado 80402-0464

ADMIN RECORD
B886-A-000046



Enclosure
FEG-006-01
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David Kruchek
Colorado Department of Health and Environment
4300 Cherry Creek Drive South
Denver, CO 80222-1530

DRAFT

**RSOP FOR COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION
ACTIVITIES NOTIFICATION LETTER FOR BUILDING 886 CONTAMINATED SLAB REMOVAL**

In accordance with the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal, Size Reduction and Decontamination Activities, this letter and its attachments is notification for RSOP implementation. This notification is for the removal of contaminated portions of the Building 886 slab before the demolition of the facility. Due to the operations and spills within Building 886, there are portions of the slab that will be removed and dispositioned as waste before the actual demolition. The removal of the contaminated portions of the slab will be conducted in accordance with the RSOP for Component Removal, Size Reduction and Decontamination Activities, particularly Sections 3.3 and 3.4.

An Interim Measures/Interim Remedial Action was completed and approved for the decommissioning of Building 886 with the exception of the slab. The slab will be decommissioned in accordance with the RSOPs. Once the pre-demolition survey is complete and the remaining slab meets the unrestricted release criteria, an additional notification letter will be prepared to implement the RSOP for Facility Disposition.

This work will be conducted by a decommissioning subcontractor. The requirements, methods, controls, and processes outlined in the RSOPs have been included into the scope of work for the subcontract. If the subcontractor would like to use a method or process not included in the RSOPs then the subcontractor is required to notify Kaiser-Hill. If the subcontractor proposes to use alternate methods, an additional notification will be made and, in consultation with DOE/LRA, the RFCA process for decision document modification will be used.

The appropriate checklists and information required by the RSOP are attached to this letter and should provide the necessary information. This work will be conducted in accordance with the work control documentation prepared by the subcontractor. The exact methods and process selected by the subcontractor and progress of the activities will be communicated to DOE/LRA through the consultative process, particularly the monthly RISS production meetings. The facility will not be breached during the activity.

As indicated in the RSOP, the LRA has 14 days to review the RSOP notification letter and provide feedback, including a definitive reason for not proceeding with the project. If no feedback is received within 14 days, the project will proceed as planned.

If you have any questions regarding this, please contact me at (303) 966-2133.

Steve Tower
D&D Program Lead
DOE, RFFO

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RSOP for Component Removal, Size Reduction, and Decontamination Activities Checklist

Project scope: Building 886 contaminated slab removal			
Facility description: Building 886, Nuclear Safety Criticality Lab			
Description of planned activity(ies): Due to operations and spills in some of the rooms of Building 886, portions of the slab cannot be decontaminated to meet the unrestricted release criteria and will be removed and dispositioned as waste. This activity will take place before initiating the pre-demolition survey; therefore, the outside structure will still be intact. This activity will be coordinated with Environmental Restoration to ensure that the areas exposed by the slab removal are evaluated and either remediated or contained before continuing demolition activities.			
Facility/rooms/sets/areas involved: Building 886, slab removal, Room 101 around the tank pit area and Room 103 where the criticality experiments and tanks were located			
Is RCRA unit closure(s) part of the planned activity? <i>If RCRA units are included, attach unit specific information sheets and drawings</i>			Yes
			No
Attach checklists from Appendix A of the RSOP. <i>Complete checklists by room/set/area/facility, as appropriate</i>		✓	Component Removal/Size Reduction
		✓	Decontamination
RLCR Status	✓	RLCR complete and concurrence received: November 1997	
		RLCR initiated but incomplete; concurrence anticipated:	
		RLC has not been initiated¹ and is scheduled for initiation on:	
If RLCR is not complete or initiated, what data will be used to plan the work activities?			
Activity requires modification to the ARARs listed in the RSOP.			Yes, <i>attach to letter</i>
			No
Attach Administrative Record file requirements for the activity.			
Point of contact for each facility/activity: Bill Steward, 303-966-3543			
Duration of work activities: ~1 month		Anticipated work start: contract award 1/02 work start 4/02	
Attach schedule for each facility or activity for information purposes.			
Does the activity involve removing contaminated portions of the building shell? Include a description of the activity, contamination levels and controls			Yes, <i>LRA consultation and concurrence required</i>
			No

¹ Evaluate using DPP, Sections 1.1.4 and 1.1.5 and the consultative process to implement activities

RSOP for Component Removal, Size Reduction, and Decontamination Activities Checklist

Are there deviations/exceptions to the RSOP for the proposed activity(ies)?											<input type="checkbox"/>	Yes
											<input checked="" type="checkbox"/>	No
Provide an explanation of deviation/exception to the RSOP: Not applicable Check the appropriate resulting action box below												
Additional RFCA decision document required (PAM – IM/IRA)												
Major modification to RSOP						Field change to RSOP						
Minor modification to RSOP						LRA consultation						
Activity(ies) will result in the following waste types											<input type="checkbox"/>	Process waste
											<input checked="" type="checkbox"/>	Remediation waste
<input type="checkbox"/>	TRU	<input checked="" type="checkbox"/>	LLW	<input type="checkbox"/>	LLMW	<input type="checkbox"/>	Haz.	<input type="checkbox"/>	Sanitary	<input type="checkbox"/>	Other:	
LRA Notification Review Time					<input checked="" type="checkbox"/>	14 days, no RCRA unit closure involved						
					<input type="checkbox"/>	30 days, RCRA unit closure involved						

FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

Building: 886

Closure Project Manager: Bill Steward

COMPONENT REMOVAL/SIZE REDUCTION

Gloveboxes	
Tanks and ancillary equipment (located both inside and outside the facility)	
Fume hoods	
Ventilation/filtration systems (both inside and outside the facility)	
Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems)	
Walls	
Floors	✓
Ceilings	
Roofs	
Other structural members	
Other*	

Small tools	✓
Paving breaker, jackhammer and/or similar tools used to break up concrete	✓
Excavators, such as backhoes, to excavate underground components, such as tanks and ancillary equipment	
Hoists and cranes	
Plasma arc cutter	
Diamond wire saw	
Wachs cutter	
Laser cutter	
Oxy-torch cutter	✓
Hydraulic shears	
Shear baler	
Water cutter using abrasives	
Arc air slice	
Arbor press	
Non-explosive cracking agent	
Other *	

* Describe "Other" Component Type(s) and/or Removal/Size Reduction Technique(s):

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FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

DECONTAMINATION

Gloveboxes	
Tanks and ancillary equipment (located both inside and outside the facility)	
Fume hoods	
Ventilation/filtration systems (both inside and outside the facility)	
Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems)	
Walls	
Floors	✓
Ceilings	
Roofs	
Other structural members	
Other*	

Wiping/scrubbing/washing with water or detergents	✓
Vacuuming	
Strippable Coating	
Grinding	
Scarifying	✓
Scabbling	✓
Paving breaker/chipping hammer	
Spalling	
Abrasive/grit blasting	
CO ₂ blasting	
Hydrolasing	
Strong mineral acids	
Organic or weak acids	
Additional oxidants, such as cerium and other similar metals	
Other *	

* Describe "Other" Component(s) and/or Decontamination Technique(s):

Note: In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written.

Prepared by: 

Date: 10/18/01

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Administrative Record Requirements for this Activity

- Final Rocky Flats Cleanup Agreement (RFCA)
- RFETS Decommissioning Program Plan (DPP)
- RFCA Standard Operating Protocol for Component Removal, Size Reduction, and Decontamination Activities
- Notification Letter and subsequent CDPHE correspondence, if appropriate

	0	22MAY00A	27SEP01A		
	311	16OCT00A	11FEB03		
	42	18DEC00A	05DEC01		
	184	13NOV00A	22JUL02		
	173	16OCT00A	18JUL02		
	192	01JUN01A	20AUG02		
	379	01OCT01	29MAY03		
	36	03APR03	29MAY03		◆ ◆

Start Date 01FEB99
Finish Date 15DEC05
Data Date 01OCT01
Run Date 09OCT01 12:53

Early Bar
Progress Bar
Critical Activity

STR2 - RISS

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886 Summary Schedule



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